

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

Claims 1-212 (cancelled).

213. (currently amended) A method performed in a financial service organization (FSO) computer system, wherein ~~the~~an FSO comprises a plurality of FSO entities, wherein each of the FSO entities performs one or more transactions, wherein each transaction comprises data, wherein the FSO computer system comprises a model of the FSO stored in a database, the model comprising the FSO entities configured in a tree structure, wherein the tree structure comprises one or more branches, wherein each of the tree branches comprises one or more FSO entities of the FSO entities, and wherein at least one of the FSO entities on at least one of the tree branches reports to a first one of the FSO entities higher on the tree branch, the method comprising:

- a) accessing a transaction from a database of a plurality of transactions;
- b) reading a processing relationship object associated with the accessed transaction from a database, wherein the processing relationship object describes a location of one or more processing parameter values for the accessed transaction;
- c) reading one or more processing parameter values associated with the transaction described in the processing relationship object;

- d) transferring the one or more processing parameter values to a report record;
- e) reading a report data definition from the database of a plurality of transactions from a, wherein the report data definition describes a location of data in the accessed transaction;
- f) transferring the data to the report record;

repeating a) through f) until each of the plurality of transactions has been accessed and the associated processing parameters placed in a report record, wherein one report record is created for each transaction, and wherein each of the report records are stored in a report record file;

sorting report records such that report records comprising FSO identifying processing parameter values of the one or more FSO entities below other FSO entities on the tree branch appear in the sorted report record file before report records associated with FSO entities that are higher on the tree branch;

- g) identifying a current report record and reading the a current report record from the sorted report record file;
- h) identifying the FSO associated with the current report record, wherein the identified FSO is designated as the current FSO entity;
- i) writing data from the current report record to a summary report for the current FSO entity;
- j) reading the a next report record of the sorted report record;

- k) comparing the FSO entity associated with the next report record to the current FSO entity;
- l) writing data from the next report record to a summary report for the current FSO entity if the FSO entity of the next report is the same as the current FSO entity;
- m) creating a new summary report in response to the FSO entity of the next report record not being equal to the current FSO entity; and writing data from the current report record to a summary report for the FSO entity associated with the next report record;
- n) designating the FSO entity associated with the next report record as the current FSO entity;

repeating g) through n) until all of the report records in the report record file have been read.

214. (currently amended) The method of claim 213, wherein the database comprises a report record definition, the report ~~card~~record definition comprising the processing relationship object and the report data definition.

215. (previously presented) The method of claim 213, wherein the processing relationship and the configuration of the FSO tree structure are defined by a user of the FSO computer system during configuration of the FSO computer system.

216. (previously presented) The method of claim 213, wherein at least one of the processing parameter values comprises a break key value and wherein the break key value is configured by a user of the FSO computer system.
217. (previously presented) The method of claim 213, wherein at least one of the processing parameter values is defined by a user of the FSO computer system.
218. (previously presented) The method of claim 213, wherein at least one of the processing parameter values comprises a break key value, and wherein the break key is hardcoded.
219. (previously presented) The method of claim 213, wherein at least one of the processing parameter values comprises a sequence number, wherein the sequence number identifies the order of appearance of at least one data element of the data in the FSO entity report.
220. (previously presented) The method of claim 213, wherein the one or more processing parameter values comprises one or more sequence numbers and a break level number.
221. (previously presented) The method of claim 213, wherein at least one of the processing parameter values comprises a database identifier, wherein the database identifier identifies at least one FSO of the FSO entities.
222. (previously presented) The method of claim 213, wherein creating a report record file comprises one or more users of the FSO system executing one or more report programs.
223. (previously presented) The method of claim 213, wherein the report record further comprises a report format, the report format comprising a definition for a report page layout,

wherein the report page layout identifies a location for at least one data element of the data on a report page.

224. (previously presented) The method of claim 213, wherein sorting the report records comprises writing the sorted report records to a new report record file.

225. (previously presented) The method of claim 213, wherein sorting the report records comprises writing the sorted report records to the report record file.

226. (previously presented) The method of claim 213, wherein the method further comprises formatting the report records before sorting the report records.

227. (currently amended) A system for processing financial service organization (FSO) transactions, the system comprising:

a computer system, wherein the FSO comprises a plurality of FSO entities, wherein each of the FSO entities performs one or more transactions, wherein each transaction comprises data, wherein the FSO computer system comprises a model of the FSO stored in a database, the model comprising the FSO entities configured in a tree structure, wherein the tree structure comprises one or more branches, wherein each of the tree branches comprises one or more FSO entities of the FSO entities, and wherein at least one of the FSO entities on at least one of the tree branches reports to a first one of the FSO entities higher on the tree branch,

a computer program, wherein the computer program is executable on the computer system to execute:

- a) accessing a transaction from a database of a plurality of transactions;

- b) reading a processing relationship object associated with the accessed transaction from a database, wherein the processing relationship object describes a location of one or more processing parameter values for the accessed transaction;
- c) reading one or more processing parameter values associated with the transaction described in the processing relationship object;
- d) transferring the one or more processing parameter values to a report record;
- e) reading a report data definition from the database of a plurality of transactions from a, wherein the report data definition describes a location of data in the accessed transaction;
- f) transferring the data to the report recordeard;

repeating a) through f) until each of the plurality of transactions has been accessed and the associated processing parameters placed in a report record, wherein one report record is created for each transaction, and wherein each of the report records are stored in a report record file;

sorting report records such that report records comprising FSO identifying processing parameter values of the one or more FSO entities below other FSO entities on the tree branch appear in the sorted report record file before report records associated with FSO entities that are higher on the tree branch;

- g) identifying a current report record and reading thea current report record from the sorted report record file;

- h) identifying the FSO associated with the current report record, wherein the identified FSO is designated as the current FSO entity;
- i) writing data from the current report record to a summary report for the current FSO entity;
- j) reading ~~the-a~~ next report record of the sorted report record;
- k) comparing the FSO entity associated with the next report record to the current FSO entity;
- l) writing data from the next report record to a summary report for the current FSO entity if the FSO entity of the next report is the same as the current FSO entity;
- m) creating a new summary report in response to the FSO entity of the next report record not being equal to the current FSO entity; and writing data from the current report record to a summary report for the FSO entity associated with the next report record;
- n) designating the FSO entity associated with the next report record as the current FSO entity;

repeating g) through n) until all of the report records in the report record file have been read.

228. (previously presented) The system of claim 227, wherein the database comprises a report record definition comprising the processing relationship object and the report data definition.

229. (previously presented) The system of claim 227, wherein the processing relationship and the configuration of the FSO tree structure are defined by a user of the FSO computer system during configuration of the FSO computer system.

230. (previously presented) The system of claim 227, wherein at least one of the processing parameter values comprises a break key value, and wherein the break key value is configured by a user of the FSO computer system.

231. (previously presented) The system of claim 227, wherein at least one of the processing parameter values is defined by a user of the FSO computer system.

232. (previously presented) The system of claim 227, wherein at least one of the processing parameter values is a break key value, and wherein the break key value is hardcoded.

233. (previously presented) The system of claim 227, wherein at least one of the processing parameter values comprises a sequence number, wherein the sequence numbers identifies the order of appearance of at least one data element of the data in the FSO entity report.

234. (previously presented) The system of claim 227, wherein the one or more processing parameter values comprises a sequence number and a break level number.

235. (previously presented) The system of claim 227, wherein at least one of the processing parameter values comprises a database identifier, wherein the database identifier identifies at least one FSO entity of the FSO entities.

236. (previously presented) The system of claim 227, wherein creating a report record file comprises one or more users of the FSO computer system executing one or more report programs.

237. (previously presented) The system of claim 227, wherein the report record further comprises a report format; the report format comprising a definition for a report page layout, wherein the report page layout identifies a location for at least one data element of the data on a report page.

238. (previously presented) The system of claim 227, wherein sorting the report records comprises writing the sorted report records to a new report record file.

239. (previously presented) The system of claim 227, wherein sorting the report records comprises writing the sorted report records to the report record file.

240. (previously presented) The system of claim 227, wherein the method further comprises formatting the report records before sorting the report records.

241. (currently amended) A carrier medium comprising program instructions for a financial system organization (FSO), wherein a model of the FSO stored in a database, the model comprising the FSO entities configured in a tree structure, wherein the tree structure comprises one or more branches, wherein each tree branch comprises one or more FSO entities of the FSO entities, wherein the at least one of the FSO entities on at least one of the tree branches reports to a first one of the FSO entities higher on the tree branch, and wherein the FSO entities perform one or more transactions, wherein each of the transactions comprise data and wherein the program instructions are executable by the FSO computer system to implement:

- a) accessing a transaction from a database of a plurality of transactions;
- b) reading a processing relationship object associated with the accessed transaction from a database, wherein the processing relationship object describes a location of one or more processing parameter values for the accessed transaction;
- c) reading one or more processing parameter values associated with the transaction described in the processing relationship object;
- d) transferring the one or more processing parameter values to a report record;
- e) reading a report data definition from the database of a plurality of transactions from a, wherein the report data definition describes a location of data in the accessed transaction;
- f) transferring the data to the report record;

repeating a) through f) until each of the plurality of transactions has been accessed and the associated processing parameters placed in a report record, wherein one report record is created for each transaction, and wherein each of the report records are stored in a report record file;

sorting report records such that report records comprising FSO identifying processing parameter values of the one or more FSO entities below other FSO entities on the tree branch appear in the sorted report record file before report records associated with FSO entities that are higher on the tree branch;

- g) identifying a current report record and reading a the current report record from the sorted report record file;

- h) identifying the FSO associated with the current report record, wherein the identified FSO is designated as the current FSO entity;
- i) writing data from the current report record to a summary report for the current FSO entity;
- j) reading ~~the~~a next report record of the sorted report record;
- k) comparing the FSO entity associated with the next report record to the current FSO entity;
- l) writing data from the next report record to a summary report for the current FSO entity if the FSO entity of the next report is the same as the current FSO entity;
- m) creating a new summary report in response to the FSO entity of the next report record not being equal to the current FSO entity; and writing data from the current report record to a summary report for the FSO entity associated with the next report record;
- n) designating the FSO entity associated with the next report record as the current FSO entity;

repeating g) through n) until all of the report records in the report record file have been read.

242. (currently amended) The carrier medium of claim 241, wherein the database comprises a report record definition, the report card-record definition comprising the processing relationship object and the report data definition.

243. (previously presented) The carrier medium of claim 241, wherein the processing relationship and the configuration of the FSO tree structure are defined by a user of the FSO computer system during configuration of the FSO computer system.

244. (previously presented) The carrier medium of claim 241, wherein at least one of the processing parameter values comprises a break key value, and wherein the break key is hardcoded.

245. (previously presented) The carrier medium of claim 241, wherein at least one of the processing parameter values comprises a sequence number, wherein the sequence number identifies the order of appearance of at least one data element of the data in the FSO entity report.

246. (previously presented) The carrier medium of claim 241, wherein at least one of the processing parameter values comprises a database identifier, wherein the database identifier identifies at least one of the FSO entities.

247. (previously presented) The carrier medium of claim 241, wherein creating a report record file comprises one or more users of the FSO computer system executing one or more report programs.

248. (previously presented) The carrier medium of claim 241, wherein the report record further comprises a report format; the report format comprising a definition for a report page layout,

wherein the report page layout identifies a location for at least one data element of the data on a report page.

249. (previously presented) The carrier medium of claim 241, wherein sorting the report records comprises writing the sorted report records to a new report record file.

250. (previously presented) The carrier medium of claim 241, wherein sorting the report records comprises writing the sorted report records to the report record file.

251. (previously presented) The carrier medium of claim 241, wherein the method further comprises formatting the report records before sorting the report records.